

I CLAIM:

1. A filter facility comprising:

a container including a chamber formed therein to receive a fluid,

5 a filter device received in said chamber of said container, to separate said chamber of said container into a first space and a second space,

said container including an inlet communicating with said first space of said container, to allow the fluid to flow into said first
10 space of said container and then to flow through said filter device, and said container including an outlet communicating with said second space of said container, to allow the fluid flowing through said filter device to flow out through said second space and said outlet of said container,

15 said filter device including a housing having a bottom panel received in said chamber of said container, and having an outer peripheral wall extended upwardly from said bottom panel, to form a chamber in said housing, and

a plurality of filter particles received within said chamber
20 of said housing, for filtering the fluid,

said housing including a peripheral partition extended upwardly from said bottom panel thereof, and extended into said chamber of said housing, and including a plate provided on top of said peripheral partition, to form a compartment within said
25 peripheral partition and said plate, and to form a peripheral space between said peripheral partition and said peripheral wall of said housing, and

said housing including a plurality of apertures formed in said peripheral wall and said peripheral partition and said plate, and communicating with said chamber and said compartment and said peripheral space of said housing, to increase a flowing area of the fluid through said housing.

2. The filter facility as claimed in claim 1, wherein said filter device further includes a filter member disposed below said bottom panel, and disposed between said housing and said second space of said container, to filter the fluid.

3. The filter facility as claimed in claim 2, wherein said filter device further includes a casing disposed below said filter member, and disposed between said filter member and said second space of said container, said casing includes a plurality of orifices formed therein to allow the fluid to flow through said filter member and said orifices of said container.

4. The filter facility as claimed in claim 3, wherein said casing includes an outer peripheral fence extended upwardly therefrom to form a space therein, and to receive said filter member in said space of said casing.

5. The filter facility as claimed in claim 1, wherein said container includes a reduced base provided in bottom thereof, to form an inner peripheral shoulder therein, and to seat and retain said filter device within said chamber of said container.

6. The filter facility as claimed in claim 1, wherein said filter device further includes a filter member disposed on said filter particles, to filter the fluid before the fluid flowing through said filter particles.

7. The filter facility as claimed in claim 6, wherein said filter device further includes a filter screen disposed on said filter member, to filter the fluid before the fluid flowing through said filter member.

5 8. The filter facility as claimed in claim 7 further comprising means for biasing said filter screen against said filter member and said filter particles.

9. The filter facility as claimed in claim 7, wherein said filter screen includes an outer peripheral flange extended therefrom and
10 slidably engage with said peripheral wall of said housing, to guide said filter screen to move up and down relative to said housing.